



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2004102022 A

(43) Date of publication of application: 02.04.2004

(51) Int. Cl. G03G 21/00

G03G 5/047, G03G 9/083, G03G 15/08, G03G 15/16

(21) Application number: 2002265424

(22) Date of filing: 11.09.2002

(71) Applicant: RICOH CO LTD

(72) Inventor: KASAI TADASHI

SHU HIYO

AOKI MITSUO

HIGUCHI HIROTO

KONDO MAIKO

NAKAYAMA SHINYA

SUZUKI HIROHARU

TAKAHASHI YUTAKA

FURUICHI YASUSHI

(54) IMAGE FORMING APPARATUS

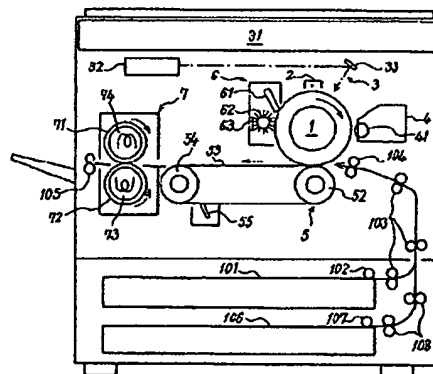
(57) Abstract:

PROBLEM TO BE SOLVED: To provide an image forming apparatus which avoids device upsizing, fixing creases, image thickening, or the like brought about in a system wherein images are fixed simultaneously with transfer by pressure, and surely suppresses image degradation caused by transfer dust or the like without using capsule toner.

SOLUTION: In a copying machine being the image forming apparatus which has a photoreceptor 1 being a latent image carrier for forming a latent image on a surface thereof, a developing device 4 being a developing means for using a two-component developer development system to make the latent image into a visible toner image by toner sticking, and a transfer device 5 being a transfer means for transferring the toner image formed on the photoreceptor 1 being the latent image carrier onto a transfer material by pressure with-

out adopting an electrostatic transfer system, a fixing means 7 is provided which fixes the toner image transferred to the transfer material, on the transfer material, and ten-point height of irregularities of the surface of the photoreceptor 1 is made higher than that of the transfer material.

COPYRIGHT: (C)2004,JPO



BEST AVAILABLE COPY